

Safety Data Sheet

Date:Mar. 31,2023



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Trade code & name: CS1501 Creatistics Magic Sand Blue - 2 kg

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance /the mixture:

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Company Modern Teaching Aids Pty Ltd
Address Level 1, 122 - 126 Old Pittwater Road, Brookvale, NSW, Australia 2100
ABN 98 000 628 786
Telephone Australia - 1800 251 497 New Zealand - 0800 808 044
Website Australia - www.teaching.com.au New Zealand - www.teaching.co.nz

Further information obtainable from:

1.4 Emergency telephone numbers

Australia - 13 11 26 (Poison Information Centre)
New Zealand - 0800 764 766 (Poison Information Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation(EC) No 1272/2008

The product is not classified according to the CLP regulation.

Information concerning particular hazards for human and environment:

The product has not to be labeled due to the calculation procedure of Regulation (EC) No.1272/2008.

Classification system:

The classification is according to the latest edition of EU Regulation(EC) No.1272/2008,and extended by company and literature data.

2.2 Label elements

Label according to Regulation(EC) No 1272/2008 Not applicable.

Hazard pictograms: Not applicable

Signal word : Not applicable

Hazard-determining components of labeling: Not applicable

Hazard statements : Not applicable

Precautionary statements : Not applicable

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:Not applicable

vPvB:Not applicable

SECTION 3: Composition/information on ingredients

Description:

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to section 16.

Composition	CAS / CI No.	% active in raw material
Silicon dioxide	14808-60-7	95.30%
Silicones, monoorgano	63148-53-8	3.00%
Boric acid	11113-50-1	0.20%
Petrolatum	8009-3-8	1.00%
Water	7732-18-5	0.30%
Purple		
Pigment Violet 23	6358-30-1	0.20%
Green		
Pigment green 36	14302-13-7	0.20%
Pink		
Pigment Red 202	3089-17-6	0.05%
Calcium carbonate	471-34-1	0.15%
Blue		
C.I. Pigment Blue 60	81-77-6	0.20%
Orange		
Food yellow 3	2783-94-0	0.100%
Acid yellow 5	1934-21-0	0.050%
Acid red 18	2611-82-7	0.050%
Nature		
Carbon black	1333-86-4	0.025%
Permanent Orange G	3520-72-7	0.175%

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures general:

After inhalation:When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

After skin contact:

Wash with water and soap and rinse thoroughly.

If skin irritation continues,consult a doctor.

After eye contact: Rinse opened eye for several minutes

After swallowing:

Never gave anything by mouth to an unconscious person.
Rinse out mouth with water.
Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Emergency procedures: Ventilate area.

6.2 Environmental precautions: Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes.

Ensure good ventilation/exhaustion at the workplace.

Keep away from heat and direct sunlight.

Prevent formation of aerosols.

For the general occupational hygienic measures refer to Section 8.

Information about fire- and explosion protection: Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Strong away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure controls

DNELs: Data not available.

PNECs: Data not available.

Appropriate engineering controls: Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapours may be released.

Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas.

8.2 Exposure controls

Based on the composition show in Section 3, the following measures are suggested for occupational safety measure

Appropriate engineering controls See Section 7 for information about design of technical facilities.

Personal protective equipment :

Fireproof clothing. Insufficient ventilation: wear respiratory protection. Protective goggles. Gloves.



Hand protection:

Eye protection:

Skin and body protection:

Respiratory protection:

Thermal hazard protection:

Other information:

Wear chemically resistant protective gloves.

Chemical goggles or safety glasses.

Wear fireproof clothing.

If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Wear suitable protective clothing.

When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:

Appearance:

Colour :

Odour:

Odour threshold:

pH :

Relative evaporation rate (butylacetate=1) :

Melting point:

Freezing point:

Boiling point:

Solid

Solid

purple, blue

None

No data available

Auto-ignition temperature:	No data available
Decomposition Temperature :	No data available
Flash point value:	No data available
Flammability (solid, gas) :	Non-flammability
Vapour pressure :	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	No data available
Density:	No data available
Solubility:	No data available
Log Pow:	No data available
Log Kow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	Non-explosive
Oxidising properties:	No data available
Explosive limits:	No data available
Other information	Not applicable
No additional information available	

SECTION 10: Stability and reactivity

10.1 Reactivity No decomposition if used according to specifications. No data available

10.2 Chemical Stability Stable under recommended storage conditions .

10.3 Possibility Of Hazardous Reactions No dangerous reactions known.

Conditions To Avoid No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD50 oral rat	No data available
LD50 dermal rabbit	No data available
LC50 inhalation rat (mg/l)	No data available

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

12.7 Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR/RID/ADN, IMDG, IATA Not available

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA Not available

14.3 Transport hazard class(es)

ADR/RID/ADN, IMDG, IATA Class Not available

Label

Not available

14.4 Packing group:

ADR/RID/ADN, IMDG, IATA Not available

14.5 Environmental hazards

Not available

14.6 Special precautions for user

Not available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not available

14.8 Transport/Additional information:

Not dangerous according to the above specifications.

UN "Moder Regulation": Not available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

Directive 2012/18/EU

Named dangerous substances-ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class:Water hazad class I (self-assessment): slightly hazardous for water.

Other regulations,limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation ANNEX XIV Authorisation(27/6/2018)	
None of the ingredients is listed.	
REACH Regulation Annex XVII Restriction(18/4/2018)	
See Section 16 for information about restriction of use.	
REACH Regulation Annex XIV Authorisation List(13/6/2017)	
None of the ingredients is listed	

15.2 Chemical safety assessment:A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Relevant hazard statements

H302 Harmful if swallowed.

H315 Cause skin irritation.

H318 Causes skin serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic aquatic life.

H412 Harmful to aquatic life with long lasting effects.

10/12/2022

Harmful is swallowed or inhaled

The contents and format of this SDS are in accordance with Regulation(EC) No 1907/2006,1272/2008 and Regulation(EU) No 2015/830.

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge or experience arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity - Category 4

Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

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